

## Electronic Acknowledgement Receipt

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|---|---|
| <b>EFS ID:</b>                              | 8598492   |
| <b>Application Number:</b>                  | 10582298  |
| <b>International Application Number:</b>    |   |
| <b>Confirmation Number:</b>                 | 3844  |
| <b>Title of Invention:</b>                  | Fast Quantum Mechanical Initial State Approximation |
| <b>First Named Inventor/Applicant Name:</b> | Anargyros Papageorgiou                              |
| <b>Customer Number:</b>                     | 56949   |
| <b>Filer:</b>                               | Laura Ann Sheridan/Michael Riego                    |
| <b>Filer Authorized By:</b>                 | Laura Ann Sheridan                                  |
| <b>Attorney Docket Number:</b>              | 19240.171 US3                                       |
| <b>Receipt Date:</b>                        | 12-OCT-2010   |
| <b>Filing Date:</b>                         | 18-SEP-2007   |
| <b>Time Stamp:</b>                          | 16:15:59  |
| <b>Application Type:</b>                    | U.S. National Stage under 35 USC 371                |

### Payment information:

|                        |    |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

### File Listing:

| Document Number | Document Description | File Name                   | File Size(Bytes)/<br>Message Digest                   | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-----------------------------|---|------------------|------------------|
| 1               | NPL Documents        | 0019240_00171US3_Abrams.pdf | 55124<br>2a0725ddcb65ae6aa57ad00e4dbe80b93e<br>b0e86b | no               | 4                |

### Warnings:

### Information:

|   |  |                                |   |    |     |
|---|--|--------------------------------|---|----|-----|
| 2   | NPL Documents  | Ciarlet_Handbook_Part_1.pdf    | 22154440                                  | no | 455 |
|   |  |                                | 82b5d804a812f8d927d6da8dbca3884dd6a45dd8  |    |     |
| Warnings:                                       |  |                                |   |    |     |
| Information:                                    |  |                                |   |    |     |
| 3   | NPL Documents  | Ciarlet_Handbook_Part_2.pdf    | 19287453                                  | no | 455 |
|   |  |                                | 1423c138ac112434d01420e51d8338e0699fc992  |    |     |
| Warnings:                                       |  |                                |   |    |     |
| Information:                                    |  |                                |   |    |     |
| 4   | NPL Documents  | Demmel_Applied_Part_1.pdf      | 12151550                                  | no | 214 |
|   |  |                                | ed4c7e1c5ee160ed874945c92a8ec93ca623dbe   |    |     |
| Warnings:                                       |  |                                |   |    |     |
| Information:                                    |  |                                |   |    |     |
| 5   | NPL Documents  | Demmel_Applied_Part_2.pdf      | 12055755                                  | no | 214 |
|   |  |                                | 5fd2e42a72a78050d515af4da6c11a1936355c41  |    |     |
| Warnings:                                       |  |                                |   |    |     |
| Information:                                    |  |                                |   |    |     |
| 6   | NPL Documents  | Wilkinson_Algebraic_Part_1.pdf | 18469294                                  | no | 338 |
|   |  |                                | 5846ea983b6d94c73a13eccd03ff91a0ef24561a  |    |     |
| Warnings:                                       |  |                                |   |    |     |
| Information:                                    |  |                                |   |    |     |
| 7   | NPL Documents  | Wilkinson_Algebraic_Part_2.pdf | 19215030                                  | no | 337 |
|   |  |                                | eb36fa253f2f174bd18e2e4627e7336ce1236dab  |    |     |
| Warnings:                                       |  |                                |   |    |     |
| Information:                                    |  |                                |   |    |     |
| 8   | Transmittal Letter                                   | 0019240_00171US3_IDS.pdf       | 72409                                     | no | 2   |
|   |  |                                | 24a2d1625ade0afb171687a46b1d6fd21a4f6609  |    |     |
| Warnings:                                       |  |                                |   |    |     |
| Information:                                    |  |                                |   |    |     |
| 9   | Information Disclosure Statement (IDS) Filed (SB/08) | 0019240_00171US3_SB08.pdf      | 108917                                    | no | 2   |
|   |  |                                | 2e97b3c34c174a3c84ff6416987dee6cdb77641c8 |    |     |
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